

11 RF 6114

DIST	
ETZKE, J.C.	
FLING, M.E. A -	X X
OPP, R.D.	
OUCHER, D.W.	
V'S J.G.	
EPED, J.E.	X
PERA, D.W.	
RAIS, L.R.	
AIKOR, F.J.	
ANCIS, G.E.	X X
ODWIN, R.	X X
EALY, T.J.	
EKER, F.H.	
NS, J.P.	
ELE, P.B.	
ERSH, J.M.	
IRBY, W.A.	
IRKEBO, J.A.	
EE, E.M.	
IAJESTIC, J.R.	
ATHEWS, T.A.	
EURRENS, R.F.	
ORGAN, R.V.	X X
ORTH, P.	
ALMER, L.A.	
OTTER, G.L.	X X
IZZUTO, V.M.	
HOADES, H.	
AFFEL, R.F.	
WANSON, F.B.	
WIEBE, J.S.	
WILKINSON, R.B.	
WILLIAMS, R.E.	
WILSON, J.M.	
YOUNG, E.R.	
ZANE, J.O.	X X
Hobbs, F.D.	X X
Wobrow, C.V.	X X
Corres Control	X X
TRAFFIC	

EG&G ROCKY FLATS

EG&G ROCKY FLATS INC
ROCKY FLATS PLANT P O BOX 464 GOLDEN COLORADO 80402-0464 (303) 966 7000

September 18, 1991

91 RF 6114

Robert M Nelson Jr
Manager
DOE RFO

Attn D Simonson M VanDerPuy

MONTHLY DISCHARGE MONITORING REPORT NPDES PERMIT NO CO 0001333
JMK 0637 91

Attached is a draft letter of transmittal for the August 1991 Discharge Monitoring Report (DMR), required by the Rocky Flats Plant National Pollutant Discharge Elimination System (NPDES) Permit

It is necessary that the Principal Executive Officer sign and date the letter and the DMR forms Per verbal request of the Environmental Protection Agency (EPA) forms for those discharge points which were not active are included with the notation of 'No Discharge' The NPDES permit requires that the report be postmarked no later than September 28 1991 and be sent to the following

Mr Steve Burkett Chief
Compliance Branch
Water Management Division
U S E P A Region VIII
999 18th Street Suite 500
Denver, CO 80202 2413

Colorado Department of Health
Attention Stanley V May
Monitoring and Enforcement Section
Water Quality Division
4210 East Eleventh Avenue
Denver CO 80220

If you have any questions or desire further information on this matter please contact F D Hobbs at extension 7006

CLASSIFICATION	
UCNI	
UNCLASSIFIED	X X
CONFIDENTIAL	
SECRET	

AUTHORIZED CLASSIFIER
SIGNATURE

DATE 9/16/91

IN REPLY TO LTR NO

PC#
LTR APPROVALS

ORIG & TYPIST INITIALS

CVW/fm

PF 16-69 (Rev 7-91)

[Signature]
M Kersh, Associate General Manager
Environmental & Waste Management

CVW fm

Orig and 1 cc R M Nelson, Jr

Attachment
As Stated

Best Available Copy

ADMIN RECORD

DRAFT

DRAFT

DRAFT

Mr Steve Burkett, Chief
Compliance Branch
Water Management Division
U S E P A , Region VIII
999 - 18th Street, Suite 500
Denver, CO 80202-2413

Colorado Department of Health
Attention Stanley V May
Monitoring and Enforcement Section
Water Quality Division
4210 East Eleventh Avenue
Denver, CO 80220

Enclosed is the Discharge Monitoring Report for August 1991, as required by the Rocky Flats Plant National Pollutant Discharge Elimination System (NPDES) Permit No CO-0001333

There was no spray irrigation from Pond B-3 during the reporting period, per verbal agreement with the Environmental Protection Agency (EPA)

The Sewage Treatment Plant (STP) discharged continuously to Pond B-3, and Pond B-3 was continuously discharged to Pond B-5 during August 1991. Pond B-5 water was transferred to Pond A-4 continuously from August 15 through August 31. Offsite discharges from Pond A-4 occurred continuously from August 24 through August 31 1991. Pond A-4 water was filtered and treated with Granular Activated Carbon prior to offsite discharge. Ponds A-3 and C-2 did not discharge during the reporting period.

Additional monitoring data as required by the Federal Facilities Compliance Agreement (FFCA) are also presented on the attached summary page

1700 6/21/91

2610

August 1991

Pond B 5 Transfer to Pond A 4

Total Chromium	0.0052 mg/l	
WET test	Ceriodaphnia	>100 LC50
	Fathead Minnows	>100 LC50

Waste Water Treatment Plant Effluent Metals Data

	August 7	August 14
<u>Metal totals</u>	<u>Results ug/l</u>	<u>Results ug/l</u>
Antimony	<38	<38
Arsenic	<1	1.3
Beryllium	<1	<1
Cadmium	<4	<4
Copper	<9	<7
Iron	203	101
Lead	3.3	2.8
Manganese	42.6	18.5
Mercury	0.2	<0.2
Nickel	<15	<15
Silver	<5	<5
Zinc	104	57.7

Waste Water Treatment Plant Volatile Organic Compound Data

	August 7	August 14	August 21
<u>VOC</u>	<u>Results ug/l</u>	<u>Results ug/l</u>	<u>Results ug/l</u>
Acrolein	<5		<5
Acrylonitrile	<5		<5
Benzene	<5	<5	
Bromoform	<5	<5	
Carbon Tetrachloride	<5	<5	
Chlorobenzene	<5	<5	
Chlorodibromomethane	<5	<5	
Chloroethane	<10	<10	
2 Chloroethylvinyl ether	<10		<10
Chloroform	5	4	
Dichlorobromomethane	<5	<5	
1,1 Dichloroethane	<5	<5	
1,2 Dichloroethane	<5	<5	
1,1-Dichloroethylene	<5	<5	
1,2 Dichloropropane	<5	<5	
1,3 Dichloropropylene	<5	<5	
Ethylbenzene	<5	<5	
Methyl bromide	<10	<10	
Methyl chloride	<10	<10	
Methylene chloride	4	3	
1,1,2,2 Tetrachloroethane	<5	<5	
Tetrachloroethylene	<5	<5	
Toluene	<5	<5	
1,2 Trans dichloroethylene	<10	<10	
1,1,1-Trichloroethane	<5	<5	
1,1,2 Trichloroethane	<5	<5	
Trichloroethylene	<5	<5	
Vinyl chloride	<10	<10	

3-610

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)

NAME USDUE-ROCKY FLATS PLANT

ADDRESS P.O. BOX 928

GOLDEN CO 80402

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

STP A
DISCHARGE NUMBER

Form Approved
OMB No 2040-0004
Approval expires 6-30-91

F - FINAL

DISCHARGE FROM SEWAGE TREATMENT PLANT

The STP discharged continuously 8-1-91 thru

*** NO DISCHARGE ***

*** NO DISCHARGE ***

NOTE Read instructions before completing this form.

ATTN: DAVID P. SIMONSON, ASST. MGR

MONITORING PERIOD

FROM YEAR MONTH DAY TO YEAR MONTH DAY

(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

QUANTITY OR CONCENTRATION (54-61)

QUANTITY OR LOADING (46-53)

QUANTITY OR CONCENTRATION (54-61)

QUANTITY OR LOADING (46-53)

QUANTITY OR CONCENTRATION (54-61)

QUANTITY OR LOADING (46-53)

QUANTITY OR CONCENTRATION (54-61)

QUANTITY OR LOADING (46-53)

QUANTITY OR CONCENTRATION (54-61)

QUANTITY OR LOADING (46-53)

QUANTITY OR CONCENTRATION (54-61)

QUANTITY OR LOADING (46-53)

QUANTITY OR CONCENTRATION (54-61)

QUANTITY OR LOADING (46-53)

QUANTITY OR CONCENTRATION (54-61)

QUANTITY OR LOADING (46-53)

QUANTITY OR CONCENTRATION (54-61)

QUANTITY OR LOADING (46-53)

QUANTITY OR CONCENTRATION (54-61)

QUANTITY OR LOADING (46-53)

QUANTITY OR CONCENTRATION (54-61)

QUANTITY OR LOADING (46-53)

QUANTITY OR CONCENTRATION (54-61)

QUANTITY OR LOADING (46-53)

QUANTITY OR CONCENTRATION (54-61)

QUANTITY OR LOADING (46-53)

QUANTITY OR CONCENTRATION (54-61)

QUANTITY OR LOADING (46-53)

QUANTITY OR CONCENTRATION (54-61)

QUANTITY OR LOADING (46-53)

QUANTITY OR CONCENTRATION (54-61)

QUANTITY OR LOADING (46-53)

QUANTITY OR CONCENTRATION (54-61)

QUANTITY OR LOADING (46-53)

QUANTITY OR CONCENTRATION (54-61)

QUANTITY OR LOADING (46-53)

QUANTITY OR CONCENTRATION (54-61)

QUANTITY OR LOADING (46-53)

QUANTITY OR CONCENTRATION (54-61)

QUANTITY OR LOADING (46-53)

QUANTITY OR CONCENTRATION (54-61)

QUANTITY OR LOADING (46-53)

QUANTITY OR CONCENTRATION (54-61)

QUANTITY OR LOADING (46-53)

QUANTITY OR CONCENTRATION (54-61)

QUANTITY OR LOADING (46-53)

QUANTITY OR CONCENTRATION (54-61)

QUANTITY OR LOADING (46-53)

QUANTITY OR CONCENTRATION (54-61)

QUANTITY OR LOADING (46-53)

QUANTITY OR CONCENTRATION (54-61)

QUANTITY OR LOADING (46-53)

QUANTITY OR CONCENTRATION (54-61)

QUANTITY OR LOADING (46-53)

QUANTITY OR CONCENTRATION (54-61)

QUANTITY OR LOADING (46-53)

QUANTITY OR CONCENTRATION (54-61)

QUANTITY OR LOADING (46-53)

QUANTITY OR CONCENTRATION (54-61)

QUANTITY OR LOADING (46-53)

QUANTITY OR CONCENTRATION (54-61)

QUANTITY OR LOADING (46-53)

QUANTITY OR CONCENTRATION (54-61)

QUANTITY OR LOADING (46-53)

QUANTITY OR CONCENTRATION (54-61)

QUANTITY OR LOADING (46-53)

QUANTITY OR CONCENTRATION (54-61)

QUANTITY OR LOADING (46-53)

QUANTITY OR CONCENTRATION (54-61)

QUANTITY OR LOADING (46-53)

QUANTITY OR CONCENTRATION (54-61)

QUANTITY OR LOADING (46-53)

QUANTITY OR CONCENTRATION (54-61)

QUANTITY OR LOADING (46-53)

QUANTITY OR CONCENTRATION (54-61)

QUANTITY OR LOADING (46-53)

QUANTITY OR CONCENTRATION (54-61)

QUANTITY OR LOADING (46-53)

QUANTITY OR CONCENTRATION (54-61)

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY HONORABLE OATH I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319 (Polluter and these penalties may include fines up to \$10,000 and a maximum imprisonment of 5 years).

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
David P. Simonson
Assistant Manager
TYPED OR PRINTED

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

IF THERE IS A VISIBLE SHEEN OF OIL AND GREASE REPORTED, A GRAB SAMPLE MUST ALSO BE TAKEN AND REPORTED ON THIS DMR. IF NO VISIBLE SHEEN WAS REPORTED THEN OIL AND GREASE, SHOULD BE REPORTED AS NO

FORM 3204 (Rev 8-88) MAY 1991

(REPLACES EPA FORM 140 WHICH MAY NOT BE USED)

JAT

PERMITTEE NAME/ADDRESS (Include Facility Name/Location (if different))

NAME USDOE-ROCKY FLATS PLANT

ADDRESS P.O. BOX 928

GOLDEN CO 80402

FACILITY

LOCATION

ATTN: DAVID P. SIMONSON, ASST. MGR

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

Form Approved
OMB No 2040-0004
Approval expires 6-30-91

F - FINAL

DISCHARGE FROM SEWAGE TRMT PL

The STP discharged continuously 8-1-91 thru 8-31-91

*** NO DISCHARGE ***

NOTE Read instructions before completing this form

STP A
DISCHARGE NUMBER

C00001333
PERMIT NUMBER

MONITORING PERIOD

YEAR 91 MONTH 01 DAY 01
TO YEAR 91 MONTH 01 DAY 01

QUALITY OR CONCENTRATION (54-61)

MINIMUM (38-45)

AVERAGE (46-53)

MAXIMUM (54-61)

UNITS

NO EX ANALYSIS (62-63)

FREQUENCY OF ANALYSIS (64-68)

SAMPLE TYPE (69-70)

UNIT

UNIT

UNIT

UNIT

UNIT

UNIT

UNIT

UNIT

UNIT

UNIT

UNIT

UNIT

UNIT

UNIT

UNIT

UNIT

UNIT

UNIT

UNIT

UNIT

UNIT

UNIT

UNIT

UNIT

UNIT

UNIT

UNIT

UNIT

UNIT

UNIT

UNIT

UNIT

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE ACCURATE AND COMPLETE I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC 1001 AND 33 USC 1319. I certify that the information is true and correct to the best of my knowledge and belief.

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

David P. Simonson

Assistant Manager

TYPED OR PRINTED

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

IF THERE IS A VISIBLE SHEEN OF OIL AND GREASE REPORTED, A GRAB SAMPLE MUST ALSO BE TAKEN AND REPORTED ON THIS DMR. IF NO VISIBLE SHEEN WAS REPORTED THEN OIL AND GREASE, 00556, SHOULD BE REPORTED AS NO

THIS DMR (Rev 9/88) may be used

(REPLACES EPA FORM 740 WHICH MAY NOT BE USED)

00000000-4000

PAGE

20

FORM 3520-1 (REV. 9-88) PREVIOUS EDITIONS MAY BE USED

NAME USDOE-ROCKY FLATS PLANT

ADDRESS P O BOX 928

GOLDEN

MAJOR

Form Approved
OMB No 2040-0004
Approval expires 6-30 91

FACILITY

LOCATION

ATTN: DAVID P. SIMONSON, ASST. MGR

MONITORING PERIOD

FROM				TO			
YEAR	MO	DAY		YEAR	MO	DAY	
91	08	01		91	08	31	
120-311	123-31	124-351		128-271	128-281	130-111	

*** NO DISCHARGE ***

NOTE Read instructions before completing this form

[illegible]

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

